



SEQUENCE LISTING

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NOV 16 2000

TECH CENTER 1600/22

<110> Iwen, Peter C.
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Henry, Travis
Board of Regents of the University of Nebraska

<120> Materials and Methods for Molecular
Detection of Clinically Relevant Pathogenic Fungal Species

<130> UNMC 63149

<140> 09/580,797

<141> 2000-05-30

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<213> *Aspergillus terreus*

Sub B1
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<212> DNA
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5 2003

500/2900

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<213> *Pseudallescheria boydii*

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 <211> 563
 <212> DNA
 <213> Fusarium solani

Sub
B1

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<210> 11
 <211> 620
 <212> DNA
 <213> Fusarium oxysporum

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 <212> DNA
 <213> Fusarium monilliformes

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 <212> DNA
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<400> 13

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 <212> DNA
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 <212> DNA
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 <212> DNA
 <213> *Gymnasella hyalinaspora*

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 <212> DNA
 <213> *Blastomyces dermatitides*

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 <212> DNA
 <213> *Histoplasma duboisii*

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Sub
B1

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<210> 20
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 <213> Cryptococcus neoformans

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<210> 21
 <211> 498
 <212> DNA
 <213> Issatchenkia orientalis

<400> 21						
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atatagtcca	caagagaaat	ctacgaaaaa	caaacaaaac	tttcaacaac	ggatctcttg	180
gttctcgcac	cgatgaagag	cgcagcgaag	tgcgatacct	agtgtgaatt	gcagccatcg	240
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<210> 22
 <211> 646
 <212> DNA
 <213> Candida albicans

Sub
B1

<400> 22						
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tgtttgagcg	tcgtttctcc	ctcaaaccgc	tgggtttggg	gtcgagcaat	acgacttggg	480
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<210> 23
 <211> 323
 <212> DNA
 <213> Candida lusitanae

<400> 23						
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<210> 24
 <211> 559
 <212> DNA
 <213> Candida glabrata

<400> 24						
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<210> 25
<211> 520
<212> DNA
<213> *Penicillium* spp.

<400> 25
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ccgccggggg gcttacgccc ccggggccgc gccgcgcgaa gacaccctcg aactctgtct 120
gaagattgta gtctgagtgaa aaatataaat tatttaaaac tttcaacaac ggatctcttg 180
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<210> 26
<211> 654
<212> DNA
<213> *Malbranchia* spp.

<400> 26
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<210> 27
<211> 719
<212> DNA
<213> *Arthrographilus* spp.

<400> 27
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acgccggttg gacngtttta aaactccctt ctaaccgtcc cgcaangana atanctttt 719

<210> 28
<211> 672
<212> DNA
<213> *Cylindrocarpon destructans*

<400> 28
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cacgccgtta aacccccac ttctgaaagg ttctattctt cttaggttga cctcggatca 660
ggtagggata cc 672

<210> 29
<211> 727
<212> DNA
<213> *Sporothrix schenckii*

<400> 29
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ggaatac 727

<210> 30
<211> 700
<212> DNA
<213> *Penicillium marneffeii*

<400> 30
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700

<210> 31
<211> 714
<212> DNA
<213> *Coccidioides immitis*

<400> 31
ggaagtaaaa gtcgtaacaa ggtttctgta ggtgaacctg cagaaggatc attagtgaag 60
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<210> 32
<211> 497
<212> DNA
<213> *Candida tropicalis*

<400> 32
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cnaccnccan aggttanaac taacacnaac tttttnttta cagtacnaact tnatttatta 180
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atttcaaaact tgacca 497

<210> 33
<211> 496
<212> DNA
<213> *Candida parapsilosis*

<400> 33
ggaagtaaaa agtcggtaac aaggtttccg taggtgaacc tgcggaagga tcattacaga 60
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ggcggagtat aaactaatg ataggttttt tccactcatt ggtacaaact ccaaaacttc 480
ttccaaattc gacca 496

<210> 34
<211> 595
<212> DNA
<213> Aspergillus flavus

<400> 34
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<210> 35
<211> 597
<212> DNA
<213> Aspergillus fumigatus

<400> 35
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<210> 36
<211> 565
<212> DNA
<213> Aspergillus nidulans

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<210> 37
<211> 565
<212> DNA
<213> *Aspergillus niger*

<400> 37

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<210> 38
<211> 608
<212> DNA
<213> *Aspergillus terreus*

<400> 38

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gcggagga 608

<210> 39
<211> 569
<212> DNA
<213> *Aspergillus ustus*

<400> 39

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